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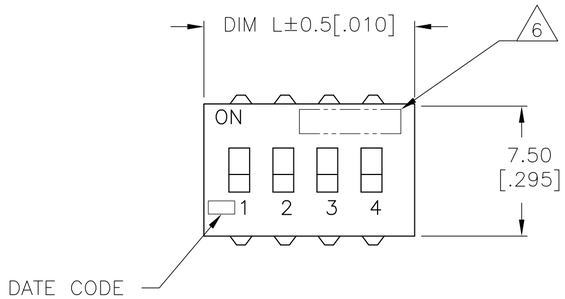
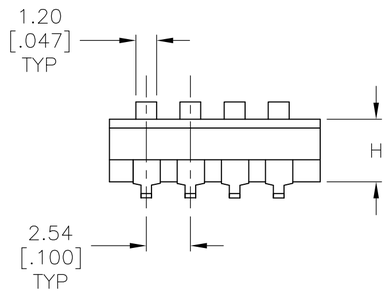
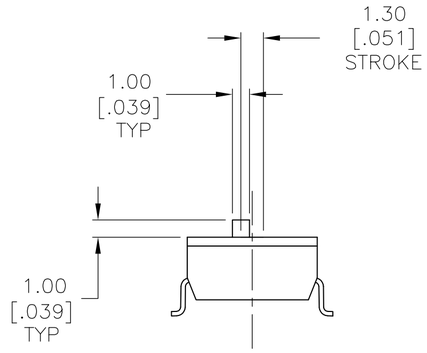
LOC	DIST
AD	0

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	S2	REVISED PER ECO-15-006450	28APR2015	NK	RH







SPECIFICATIONS:

MATERIAL
BASE, PPS, UL94V-0, BLACK
COVER, PPS, UL94V-0, BLACK
ACTUATOR, PA6T, UL94V-0, WHITE
FIXED CONTACT/TERMINAL, CU ALLOY-GOLD FLASH OVER NICKEL
MOVING CONTACT, CU ALLOY, PLATE-GOLD FLASH/NICKEL

ELECTRICAL
MAX CONTACT RATING SWITCHING, 100MILLIAMP @ 24 VDC
MIN CONTACT RATING SWITCHING, .1MICROAMP @ 1 MILLIVOLT
MAX CONTACT NON-SWITCHING, 1AMP @ 5 VDC
INITIAL CONTACT RESISTANCE, 50 MILLIOHMS MAX.
CONTACT RESISTANCE (AFTER ENVIRONMENTAL TEST), 100 MILLIOHMS
CONTACT RESISTANCE (AFTER GAS TEST), 300 MILLIOHMS
INSULATION RESISTANCE, 1,000 MEGOHMS MIN. @ 100 VDC
DIELECTRIC STRENGTH, 500 VAC RMS @ SEA LEVEL
LIFE EXPECTANCY, 1,000 CYCLES

MECHANICAL
OPERATING FORCE, LESS THAN 800 GRAMS
CONTACT PRESSURE, 280,000 PSI

ENVIRONMENTAL
OPERATING TEMPERATURE, -30 TO +85 DEGREES C
STORAGE TEMPERATURE, -45 TO +105 DEGREES C
CLEANING, AQUEOUS OR SOLVENT
SOLDER HEAT RESISTANCE, PER 109-201,COND B, SWITCH "OFF".
SOLDERABILITY PER JIS C 0050 & JIS C 0053

1 SWITCHES TO BE RECEIVED IN THE "OFF" POSITION AND PACKAGED IN CLEAR TUBES TO ACCOMMODATE AUTO-INSERTION.

2 TOP SURFACE TO BE CLEARLY MARKED AS SHOWN.

3 SWITCHES TO BE BLACK WITH WHITE ACTUATORS AND MARKINGS.

△4 TERMINAL OPTION: OLD T&B P/N ADExxS, SA OR SB
S= OUTSIDE "L" TERMINALS; SA= INSIDE "L" TERMINALS;
SB= BUTT TERMINALS.

5 ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS).

△6 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI.

△7 TAPE AND REEL PACKING PER PAGE 3 SPECIFICATIONS.

SEE SHEET 2 FOR PART NUMBER TABLE
AND MOUNTING OPTIONS

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DIMENSIONS: mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± 0.30[.012]
3 PLC ± –
4 PLC ± –
ANGLES ± –

MATERIAL –
FINISH –

DWN B.S.VISWESWARA 10FEB05
CHK M.SARVER –
APVD M.SARVER –
PRODUCT SPEC —
APPLICATION SPEC —
WEIGHT —

TE Connectivity

NAME DIP SWITCH, ADE-SMT SERIES

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	–	C-1825058	—

CUSTOMER DRAWING | SCALE 4:1 | SHEET 1 OF 3 | REV S2

1825058

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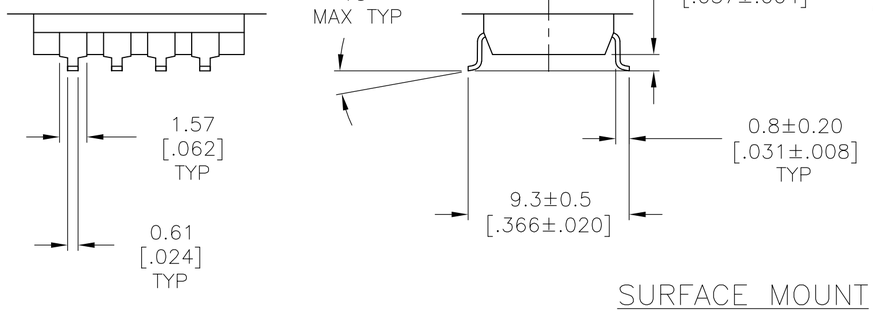
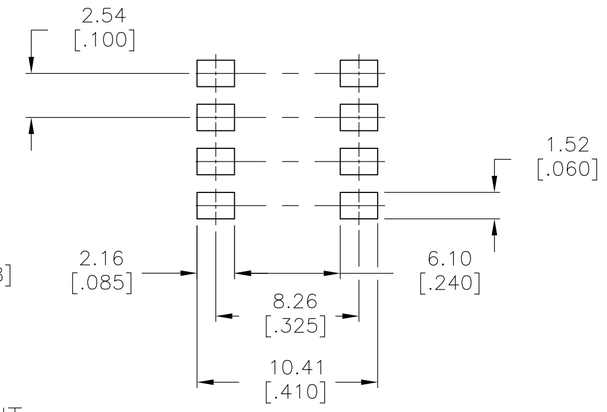


SURFACE MOUNT
S (OUTSIDE "L")



RECOMMENDED PAD LAYOUT

SURFACE MOUNT
SA (INSIDE "L")

RECOMMENDED PAD LAYOUT

	T&B P/N	DIM H	DIM L	POSITION	PART NO.
	ADE12STR04	3.61[.142]	32.51[1.280]	12	4–1825058–1
	ADE10STR04	3.50[.138]	27.30[1.075]	10	4–1825058–0
	ADE09STR04	3.50[.138]	24.54[.978]	9	3–1825058–9
	ADE08STR04	3.50[.138]	22.30[.878]	8	3–1825058–8
	ADE07STR04	3.50[.138]	19.76[.778]	7	3–1825058–7
	ADE06STR04	3.50[.138]	17.22[.678]	6	3–1825058–6
	ADE05STR04	3.50[.138]	14.68[.578]	5	3–1825058–5
	ADE04STR04	3.50[.138]	12.14[.478]	4	3–1825058–4
	ADE03STR04	3.50[.138]	9.60[.378]	3	3–1825058–3
	ADE02STR04	3.50[.138]	7.00[.276]	2	3–1825058–2
7	ADE04SATR04	3.50[.138]	12.14[.478]	4	3–1825058–1
	ADE12SB04	3.61[.142]	32.51[1.280]	12	3–1825058–0
	ADE12SA04	3.61[.142]	32.51[1.280]	12	2–1825058–9
	ADE12S04	3.61[.142]	32.51[1.280]	12	2–1825058–8
	ADE10SB04	3.50[.138]	27.30[1.075]	10	2–1825058–7
	ADE10SA04	3.50[.138]	27.30[1.075]	10	2–1825058–6
	ADE10S04	3.50[.138]	27.30[1.075]	10	2–1825058–5
	ADE09SB04	3.50[.138]	24.54[.978]	9	2–1825058–4
	ADE09SA04	3.50[.138]	24.54[.978]	9	2–1825058–3
	ADE09S04	3.50[.138]	24.54[.978]	9	2–1825058–2
	ADE08SB04	3.50[.138]	22.30[.878]	8	2–1825058–1
	ADE08SA04	3.50[.138]	22.30[.878]	8	2–1825058–0
	ADE08S04	3.50[.138]	22.30[.878]	8	1–1825058–9
OBSOLETE 6	ADE07SB04	3.50[.138]	19.76[.778]	7	~~1–1825058–8~~
	ADE07SA04	3.50[.138]	19.76[.778]	7	~~1–1825058–7~~
	ADE07S04	3.50[.138]	19.76[.778]	7	1–1825058–6
	ADE06SB04	3.50[.138]	17.22[.678]	6	1–1825058–5
	ADE06SA04	3.50[.138]	17.22[.678]	6	1–1825058–4
	ADE06S04	3.50[.138]	17.22[.678]	6	1–1825058–3
	ADE05SB04	3.50[.138]	14.68[.578]	5	~~1–1825058–2~~
OBSOLETE 6	ADE05SA04	3.50[.138]	14.68[.578]	5	~~1–1825058–1~~
	ADE05S04	3.50[.138]	14.68[.578]	5	~~1–1825058–0~~
	ADE04SB04	3.50[.138]	12.14[.478]	4	~~1825058–9~~
	ADE04SA04	3.50[.138]	12.14[.478]	4	1825058–8
	ADE04S04	3.50[.138]	12.14[.478]	4	1825058–7
6 OBSOLETE	ADE03SB04	3.50[.138]	9.60[.378]	3	~~1825058–6~~
	ADE03SA04	3.50[.138]	9.60[.378]	3	1825058–5
	ADE03S04	3.50[.138]	9.60[.378]	3	1825058–4
	ADE02SB04	3.50[.138]	7.00[.276]	2	1825058–3
	ADE02SA04	3.50[.138]	7.00[.276]	2	1825058–2
	ADE02S04	3.50[.138]	7.00[.276]	2	1825058–1

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ANGLES ± –

MATERIAL –
FINISH –

DWN B.S.VISWESWARA 10FEB05
CHK M.SARVER –
APVD M.SARVER –
PRODUCT SPEC —
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TE Connectivity

NAME DIP SWITCH, ADE–SMT SERIES

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	–	C–1825058	—

CUSTOMER DRAWING | SCALE 4:1 | SHEET 2 OF 3 | REV S2

1825058

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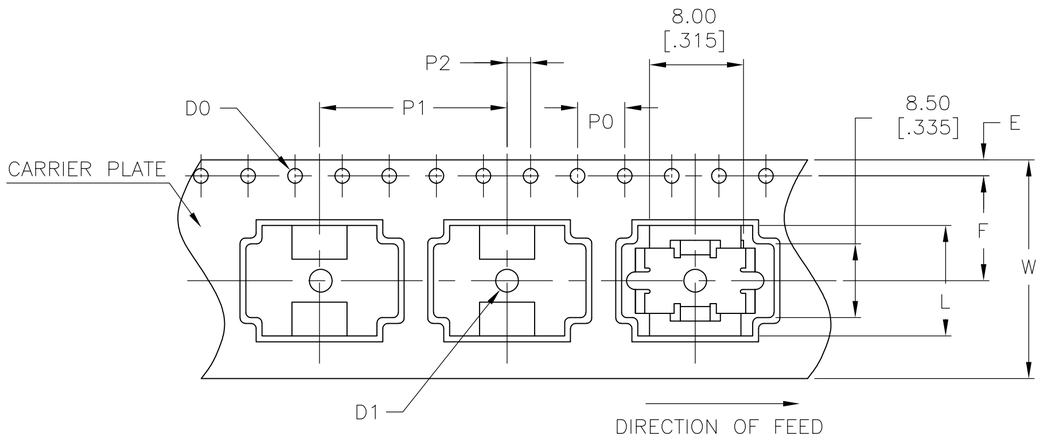

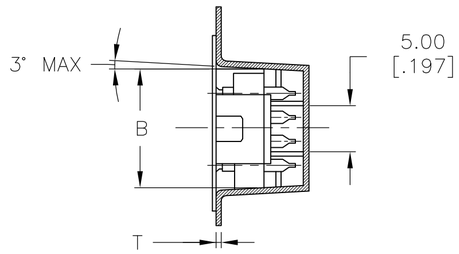

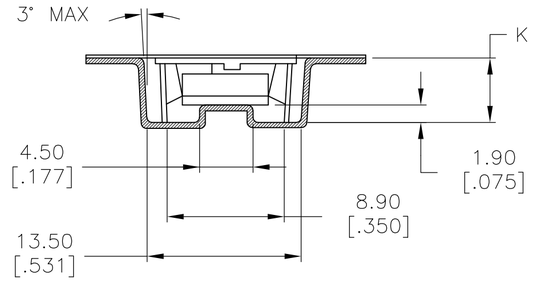

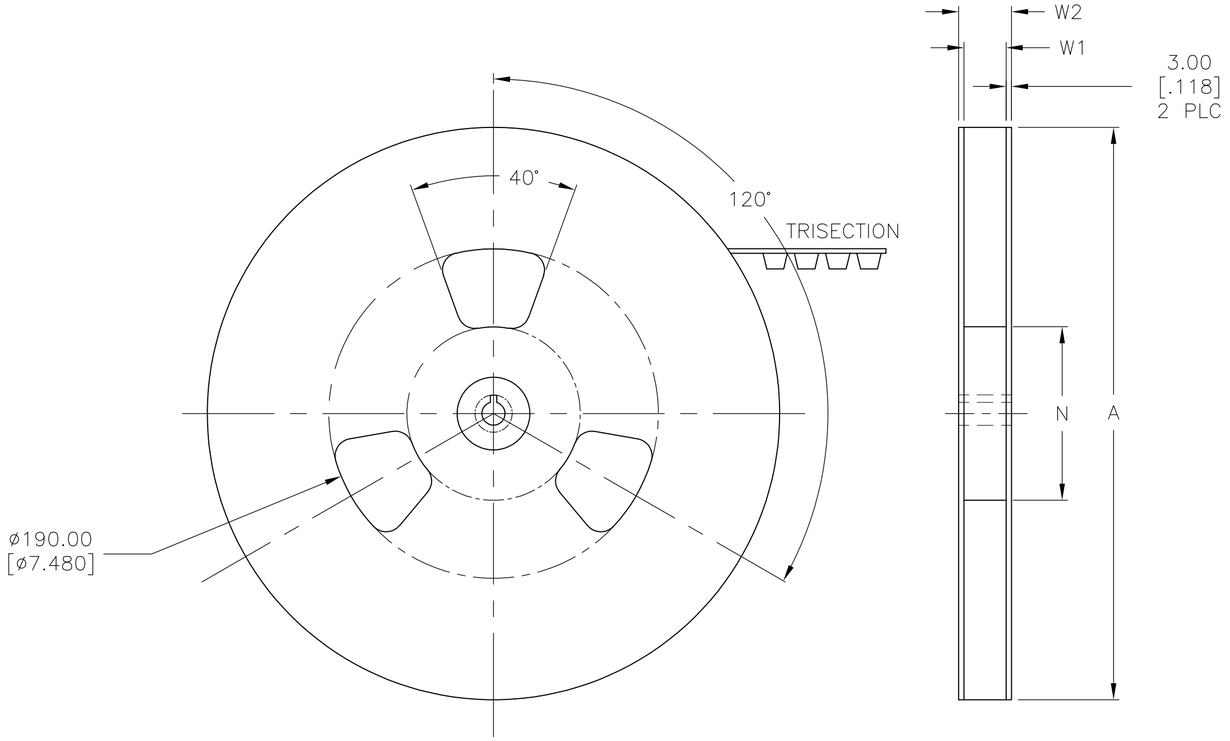

	DESCRIPTION	MATERIAL	DIMENSION	FINISH	REMARKS
1	REEL	SIDE: CARDBOARD CORE: STYLOFOAM	MENTIONED BELOW		
2	EMBOSSED TAPE	–	MENTIONED BELOW	ANTISTATIC	BLACK
3	TOP COVER TAPE	–	MENTIONED BELOW	ANTISTATIC	TRANSPARENT

4P	ø330.00±2.10 [12.992±.082]	ø100 [3.940]	24.40 $^{+2.00}_{0}$ [.960 $^{+.790}_{.000}$]	30.40 [1.997]
NO OF POSITION	A	N (MIN)	W1	W2 (MAX)

4P	ø1.50 $^{+0.10}_{0}$ [ø.059$^{+.003}_{.000}$]	4.00±0.10 [.157±.003]	16.00±0.10 [.629±.003]	2.00±0.15 [.078±.005]	11.50±0.10 [.453±.003]	7.40±0.10 [.291±.003]
NO OF POSITION	D1	P0	P1	P2	F	K

4P	24.00±0.30 [.944±.011]	12.90±0.10 [.507±.003]	1.75±0.10 [.068±.003]	0.50±0.05 [.020±.001]	12.14±0.50 [.477±.020]	ø1.50$^{+0.10}_{0}$ [ø.059$^{+.003}_{.000}$]
NO OF POSITION	W	B	E	T	L	DO

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4 PLC	± –
ANGLES	± –

MATERIAL: –

FINISH: –

DWN	B.S.VISWESWARA 10FEB05
CHK	M.SARVER –
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CUSTOMER DRAWING | SCALE 4:1 | SHEET 3 OF 3 | REV S2

1825058

Общество с ограниченной ответственностью «МосЧип» ИНН 7719860671 / КПП 771901001
Адрес: 105318, г.Москва, ул.Щербаковская д.3, офис 1107

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

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http://moschip.ru/get-element

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Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

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Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:
moschip.ru
moschip.ru_4
moschip.ru_6
moschip.ru_9